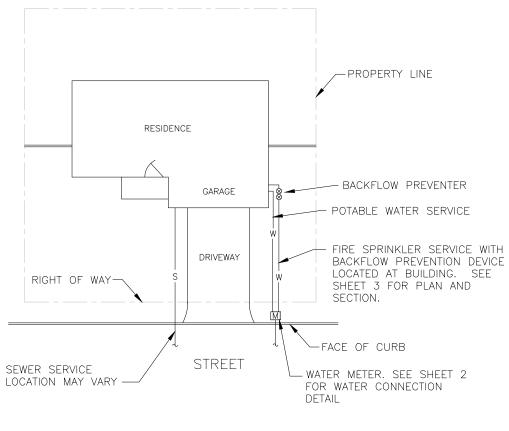
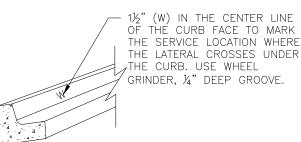
GENERAL NOTES:

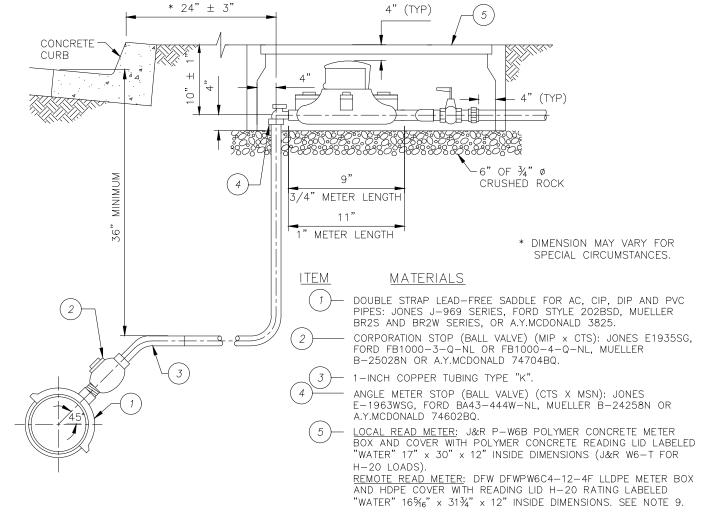
- 1. THE CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE SERVICE CONNECTION AS SHOWN ON THIS STANDARD DRAWING EXCEPT FOR THE WATER METER. THE CITY WILL PROVIDE AND INSTALL THE WATER METER.
- 2. THE WATER SERVICE SHALL EXTEND PERPENDICULAR TO THE CENTERLINE OF THE STREET FROM THE WATER MAIN TO THE METER STOP.
- 3. ALL DUAL PLUMBED SERVICES WITH A FIRE SERVICE ARE REQUIRED TO HAVE A DOUBLE CHECK BACKFLOW PREVENTION ASSEMBLY INSTALLED AND TESTED PRIOR TO SERVICE BEING TURNED ON. PROVIDE ACCESS TO BACKFLOW PREVENTER FOR TESTING.
- 4. LOCATIONS SHOWN FOR WATER METER BOX, POTABLE WATER SERVICE, AND FIRE SPRINKLER SERVICE ARE DIAGRAMMATIC AND MAY BE REVISED TO SUIT EACH PROPERTY.
- 5. ALL FITTINGS, PIPE, VALVES, AND FIXTURES SHALL BE LEAD FREE IN COMPLIANCE WITH FEDERAL AND STATE





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NO.	APPROVED	DATE	Nelson D Nelson	5/8/2018	A English	CITY OF CORONA
1		02/13/14	NELSON D. NELSON, PE, PUBLIC WORKS DIRECTOR	DATE	CORONA THE CIRCLE CITY FOR Y 1889	CTD 400
2		04/28/14	Vernon R. Weisman	5/8/2018		SID 408
3	VRW	05/04/18	VERNON R. WEISMAN, PE, DISTRICT ENGINEER	DATE		SHEET 1 OF 4

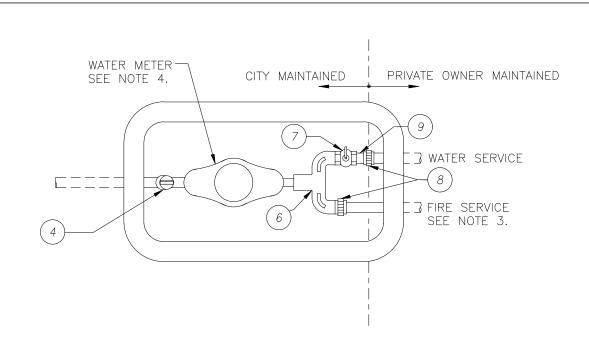


CONSTRUCTION NOTES:

- 1. SERVICE SADDLE SHALL NOT BE INSTALLED WITHIN 12 INCHES OF VALVE, COUPLING, JOINT, OR FITTING.
- 2. DOUBLE-WRAP ALL PIPING BELOW GRADE IN A BLUE COLORED 8-MIL POLYETHYLENE SLEEVE LABELED POTABLE WATER. EXTEND POLYETHYLENE SLEEVE 2 INCHES MINIMUM ABOVE FINISH GRADE, SECURE WITH 10-MIL TAPE.
- 3. ALL CONNECTIONS TO COPPER TUBING SHALL BE COMPRESSION TYPE AND SERVICE MUST BE CONTINUOUS AND UNCUT. NO SWEAT TYPE FITTINGS ALLOWED.
- 4. CONNECTIONS TO STEEL WATER MAINS SHALL BE WITH A WELDED 3000 POUND HALF COUPLING AND DIELECTRIC INSULATING BUSHING. ALL STEEL SURFACES SHALL BE COVERED WITH CEMENT MORTAR.
- 5. ROUND AND DE-BURR ALL COPPER PIPE PRIOR TO INSTALLATION.
- 6. WRAP SERVICE SADDLE WITH TWO LAYERS OF 8-MIL POLYETHYLENE.
- 7. INSTALL BRASS PIPING AND FITTINGS INSIDE METER BOX BETWEEN ANGLE METER STOP AND BRASS UNIONS.
- 8. PROVIDE METER BOXES IN UNIMPROVED STREETS AND BEHIND ROLLED CURBS WITH COVERS AND BOXES RATED FOR H-20 TRAFFIC LOADS.
- 9. AMI (ADVANCE METERING INFRASTRUCTURE) METERS ARE REQUIRED WHEN THE METER WILL BE READ VIA RADIO SIGNAL CONTACT A PUBLIC WORKS ENGINEER TO DETERMINE IF THE METER(S) FOR THE PROJECT ARE REQUIRED TO BE AMI.

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REVISION			APPROVED:			CITY OF CORONA
NO.	APPROVED	DATE	Nelson D Nelson	5/8/2018	The state of the s	CITY OF CORONA
1		02/13/14	NELSON D. NELSON, PE, PUBLIC WORKS DIRECTOR	DATE	CORONA	CTD 400
2		04/28/14	1000000	5/8/2018	*THE CIRCLE CITY*	STD 408
3	VRW	05/04/18	VERNON R. WEISMAN, PE, DISTRICT ENGINEER	DATE	196 - 198 ×	SHEET 2 OF 4



CONSTRUCTION NOTES:

- 1. SEE CONSTRUCTION NOTES ON SHEET 2.
- 2. INSTALL A "LOCK OFF" STYLE BALL VALVE FOR THE DOMESTIC WATER SERVICE.
- 3. INSTALL FIRE SERVICE PER UNDERGROUND FIRE PLANS (MINIMUM 1-INCH DIA.).
- 4. THE CITY WILL PROVIDE AND INSTALL A NEPTUNE T-10 METER (MIP X MIP). REQUEST THE METER INSTALLATION FROM THE PUBLIC WORKS INSPECTOR OR THE BUILDING INSPECTOR WHEN THERE IS NO PUBLIC IMPROVEMENT PLAN.
- 5. A REDUCER FITTING CAN BE INSTALLED BETWEEN THE ANGLE METER STOP VALVE AND THE METER, AND PAST THE BRASS UNION WITHIN THE PRIVATE OWNER MAINTAINED AREA.

ITEM

MATERIALS

4

ANGLE METER STOP (BALL VALVE) (CTS X MSN): JONES E-1963WSG, FORD BA43-444W-NL, MUELLER B-24258N OR A.Y.MCDONALD 74602BQ.

6

FIRE AND DOMESTIC LABEL ENGRAVED U-BRANCH (MSN X MIP): JONES E-2632 OR MUELLER H15375N.

7

METER VALVE (FIP X FIP OR MSN): JONES STYLE E-1900W, FORD STYLE B13-344W-NL OR STYLE B13-444W-NL, MUELLER B24351N OR A.Y.MCDONALD 76101MW WITH "LOCK OFF" HANDLE.

8

9

- BRASS UNION (FIP X FIP).

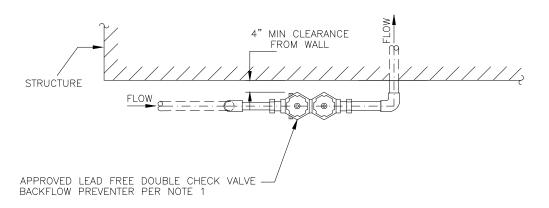
RED BRASS NIPPLE (MIP X MIP), THREADED BOTH ENDS, 1-1/2—INCH LENGTH.

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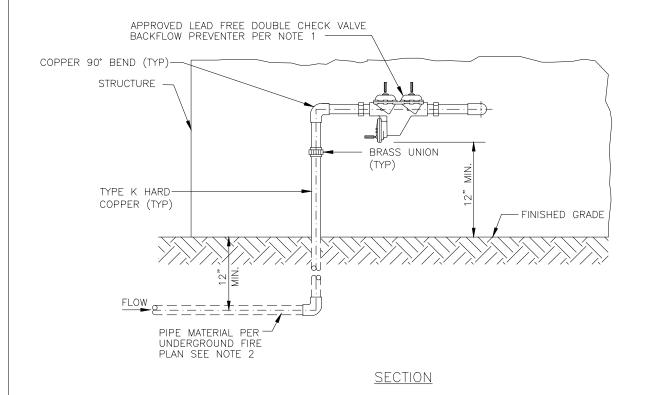
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2		04/28/14				SID 408
3	VRW	05/04/18	VERNON R. WEISMAN, PE, DISTRICT ENGINEER			SHEET 3 OF 4

CONSTRUCTION NOTES:

- 1. INSTALL APPROVED LEAD FREE DOUBLE CHECK VALVE BACKFLOW PREVENTION DEVICES LISTED IN THE USC LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES.
- 2. INSTALL FIRE SERVICE PER UNDERGROUND FIRE PLANS (MINIMUM 1-INCH DIA.).
- 3. ALL FITTINGS, PIPE, VALVES, AND FIXTURES SHALL BE LEAD FREE IN COMPLIANCE WITH FEDERAL AND STATE LAWS.



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REVISION			APPROVED:	F /0/2010		CITY OF CORONA
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1		02/13/14	NELSON D. NELSON, PE, PUBLIC WORKS DIRECTOR	DATE	CORONA	OTD 400
2		04/28/14	Vernon R. Weisman	5/8/2018	THE CIRCLE CITY*	STD 408
3	VRW	05/04/18	VERNON R. WEISMAN, PE, DISTRICT ENGINEER	DATE		SHEET 4 OF 4